

AMENDMENTS TO THE CLAIMS

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. (currently amended): An optoelectronic dust collecting machine for killing bacteria, viruses ~~with a streamlined structural body~~ comprising:

a machine body having a streamlined structural body having a draft fan, an electric motor, a circuit board, an electronic circuit element, a switching push button, an indicating lamp, an ~~hand handle~~ opening in the streamlined body used for lifting and carrying the dust collecting machine, an externally mounted ~~long-movable extendable~~ handle, ~~and a plurality of~~ extreme ultraviolet ray transmitting ~~tube~~tubes producing rays of 253.7 nanometer wavelength, a circuit for controlling said tubes, including a rheostat for the ~~plurality of~~ extreme ultraviolet ray transmitting ~~tube~~tubes that serves to adjust the current output value, a filter screen, ~~an air inlet, exhaust outlets,~~ a chargeable battery, a power input line ~~provided by an external power supply socket, at least one~~ transparent transmitting mirror, a garbage box body, and an externally mounted movable vacuum cleaner,

wherein the externally mounted movable vacuum cleaner comprises a movable cleaning head, and

wherein the extreme ultraviolet ray transmitting tube has a separate transparent transmitting mirror protection that is used as a cover for the ultraviolet transmitting tube and is made of an ultraviolet transmitting material and permits rays to enter said garbage box body and a penetrable transmitting mirror radiating extreme ultraviolet rays to exit to a carpet or floor.

2. (cancelled):

**3. (cancelled)**

**4. (cancelled)**

5. (currently amended): The dust collecting machine according to claim 1, wherein the ~~handle opening is attached to~~ arranged at the upper part of the machine body for the user to hold conveniently; the externally mounted ~~long extendable~~ handle can also be attached at the trailing end of the machine body so as to provide an another way for the user to hold.

6. (currently amended): The dust collecting machine according to claim 1, wherein the machine body can be separately held for use, and the body can also be connected with the externally mounted ~~long extendable~~ handle for use together with the externally mounted movable cleaning head, which can be freely ~~adjusted to any angle~~ swivel, and which can slide close to ~~the~~ floor surface ~~at any angle so as to automatically adjust itself to a proper angle during a cleaning work.~~

7. (currently amended): The dust collecting machine according to claim 1, wherein the machine body and the movable cleaning head each has ~~a separately built in at least one~~ extreme ultraviolet ray transmitting tube that is built in the machine body and the movable cleaning head.

**8. (cancelled):**

9. (original): The dust collecting machine according to claim 1, wherein the filter screen can be cleaned and replaced.

10. (currently amended): The dust collecting machine according to claim 1, wherein the machine can be powered by ~~at the~~ chargeable battery or by ~~an the external municipal power supply lines~~ socket.

11. (original): The dust collecting machine according to claim 1, wherein the chargeable battery in the machine body can be charged from an external power supply socket.

12. (currently amended): The dust collecting machine according to claim 1, wherein the garbage box body and the movable vacuum cleaner each has a power contacting part made of metal materials, by which the machine body can get the power supply from the chargeable battery or external power supply socket to ignite the plurality of extreme ultraviolet ray transmitting tube tubes.

13. (currently amended): The dust collecting machine according to claim 1, wherein the built-in plurality of extreme ultraviolet ray transmitting tubes ~~within that are built in~~ the garbage box body and the movable vacuum cleaner can be replaced by new ones.

14. (new): The dust collecting machine according to claim 1, wherein the draft fan that is driven by the electric motor produces a strong suction while rotating rapidly, so that the air and sundries such as garbage can be drawn in the garbage box body, and

wherein the air can pass through the filter screen in the garbage box via the air inlet and exhausted via the exhaust outlets of the dust collecting machine.